



U.S. Department
of Transportation
**Research and
Special Programs
Administration**

400 Seventh St., S.W.
Washington, D.C. 20590

JUL 19 2001

DOT-E 9352
(FIFTH REVISION)

EXPIRATION DATE: June 30, 2003

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: FMC Technologies, Inc., FMC Measurement Solutions
Corpus Christi Operation, dba/FMC Measurement
Solutions
(Former Grantee: Perry Equipment Company)
Corpus Christi, Texas
2. PURPOSE AND LIMITATIONS:
 - a. This exemption authorizes the manufacture, marking and sale of a non-DOT Specification container described in paragraph 7 below for the transportation in commerce of the hazardous materials described in paragraph 6 below. This exemption provides no relief from any regulation other than as specifically stated herein.
 - b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.203, § 173.242, § 173.243, § 173.304, § 173.314 and § 173.315.
5. BASIS: This exemption is based on the applications of FMC Measurement Solutions dated June 18 and July 5, 2001, submitted in accordance with § 107.109.

JUL 19 2001

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous materials description -- proper shipping name	Hazard Class/ Division	Identi- fication Number	Packing Group
Petroleum crude oil	3	UN1267	I
Fuel oil (No. 1, 2, 4, 5, or 6)	3	NA1993	III
Fuel, aviation, turbine engine	3	UN1863	I
Diesel fuel	3	NA1993	III
Gasoline	3	UN1203	II
Kerosene	3	UN1223	III
Petroleum gases, liquefied or Liquefied petroleum gas	2.1	UN1075	N/A

7. SAFETY CONTROL MEASURES:

a. Packagings prescribed are non-DOT specification containers described as mechanical displacement meter provers mounted on a truck chassis or trailer. The meter provers have nominal water capacities between 42 and 420 gallons and are designed to ANSI Standards B 31.3, B 31.4, or B 31.81. The pressure vessels are made up of seamless ASTM SA 53, 6 inch through 16 inch nominal pipe size (NPS), schedule 40, grade B or equivalent. Pipe assembly is by 150 lb., 300 lb., or 600 lb. ASA welded flange joints. The maximum service pressure is 280 psig for assemblies with 150 lb. ASA flanges, 740 psig for assemblies with 300 lb. ASA flanges, and 1480 psig for assemblies with 600 lb. ASA flanges. Pressure relief devices are not required. The provers must be as shown on F. H. Maloney Company drawing numbers D-4701-00 dated August 3, 1970, D-4272-00 Rev. A dated June 12, 1969, D-7145-900 dated June 5, 1980 and additional drawings submitted with the applicant's letters of September 30, 1985 and October 4, 1985 on file with the Office of Hazardous Materials Exemptions and Approvals (OHMEA). In addition:

JUL 19 2001

1. The bumper for the truck chassis or trailer must meet the requirements of § 178.340-8(b) and § 393.86.
2. During transportation, the pressure in the prover may not exceed 25 percent of the maximum service pressure.

b. CONSTRUCTION - NO NEW CONSTRUCTION OF THIS PACKAGING IS AUTHORIZED.

c. TESTING - Each prover must be visually inspected once a year and retested at least once every 5 years at not less than 75 percent of the prover's design pressure in accordance with § 173.32(e). Only meter provers requalified after May 31, 2000 are required to be in conformance with § 173.32(e).

8. SPECIAL PROVISIONS.

a. In accordance with the provisions of Paragraph (b) of § 173.22a, persons may use the packaging authorized by this exemption for the transportation of the hazardous materials specified in paragraph 6, only in conformance with the terms of this exemption.

b. A person who is not a holder of this exemption, but receives a package covered by this exemption, may reoffer it for transportation provided no modifications or changes are made to the package and it is offered for transportation in conformance with this exemption and the HMR.

c. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.

d. Each packaging manufactured under the authority of this exemption must be either (1) marked with the name of the manufacturer and location (city and state) of the facility at which it is manufactured or (2) marked with a registration symbol designated by the Office of Hazardous Materials Exemptions and Approvals for a specific manufacturing facility.

e. A current copy of this exemption must be maintained at each facility where the package is manufactured under this exemption. It must be made available to a DOT representative upon request.

JUL 19 2001

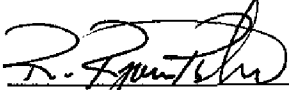
9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.
10. MODAL REQUIREMENTS:
- a. A current copy of this exemption must be carried aboard each motor vehicle used to transport packages covered by this exemption.
 - b. Drivers must have been instructed as to necessary safeguards and proper procedure in the event of unusual delay, fire, or accident.
11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:
- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, Parts 171-180.
 - o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by § 172.700 through § 172.704.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must also inform the AAHMS, in writing, as soon as practicable of any incidents involving the package and shipments made under this exemption.

Issued in Washington, D.C.



For Robert A. McGuire
Associate Administrator
for Hazardous Materials Safety

JUL 19 2001

(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590. Attention: DHM-31.

The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

Copies of exemptions may be obtained from the AAHMS, U.S. Department of Transportation, 400 7th Street, SW, Washington, DC 20590-0001, Attention: Records Center, 202-366-5046.

PO: AM